

AMENDMENTS TO THE CLAIMS

A marked-up version of the claims that will be pending following entry of the present amendments showing the amendments made herein follows. Matter that has been deleted from the claims is indicated by strikethrough and matter that has been added is indicated by underlining.

21. (Currently amended) A functional food or functional feed composition comprising a resistant starch obtained from ~~at least one of~~ a water-insoluble linear α -1,4-D-glucan ~~or a resistant starch obtainable therefrom~~, wherein the degree of branching in the 2, 3, or 6 position does not exceed 0.5%, and at least one further food additive or feed additive.

22. (Previously presented) The composition as claimed in claim 21, wherein the food additive or feed additive is selected from the group consisting of probiotics, prebiotics, vitamins, provitamins, antioxidants, oils, fats, fatty acids, and mixtures thereof.

23. (Previously presented) The composition as claimed in claim 22, wherein the probiotic is a bifido bacterium.

24. (Currently amended) The composition as claimed in claim 21, wherein the ~~water-insoluble linear α -1,4-D-glucan or the resistant starch obtainable therefrom~~ acts as a carrier material for the food additive or feed additive.

25. (Currently amended) The composition as claimed in claim 21, wherein the ~~water-insoluble linear α -1,4-D-glucan or the~~ resistant starch obtainable therefrom is present in the form of microparticles.

26. (Currently amended) The composition as claimed in claim 21, wherein the food additive or feed additive is at least in part enrobed by the ~~water-insoluble linear α -1,4-D-glucan or the resistant starch obtainable therefrom~~.

27. (Currently amended) The composition as claimed in claim 21, wherein the water-insoluble linear α -1,4-D-glucan has a molecular weight ~~MW~~ of from 0.75×10^2 to 10^7 g/mol.

28. (Currently amended) The composition as claimed in claim 21, wherein the water-insoluble linear α -1,4-D-glucan has a molecular weight ~~MW~~ of from 10^3 to 10^6 g/mol.

29. (Currently amended) The composition as claimed in claim 21, wherein the water-insoluble linear α -1,4-D-glucan has a molecular weight ~~MW~~ of from 10^3 to 10^5 g/mol.

30. (Previously presented) The composition as claimed in claim 21, wherein the water insoluble linear α -1,4-D-glucan is obtained by in vitro polymerization of glucose in the presence of an enzyme having amylosucrase activity.
31. (Previously presented) The composition as claimed in claim 21, wherein the composition is a foodstuff, a foodstuff precursor or a foodstuff supplement.
32. (Previously presented) A medicament comprising a resistant starch based on water-insoluble linear α -1,4-D-glucans, wherein the degree of branching in the 2, 3 or 6 position does not exceed 0.5%.
33. (Previously presented) The medicament as claimed in claim 32, wherein the medicament is a gastrointestinal composition.
34. (Previously presented) A pharmaceutical or veterinary composition comprising a resistant starch based on water-insoluble linear α -1,4-D-glucans, wherein the degree of branching in the 2, 3 or 6 position does not exceed 0.5%.
35. (Previously presented) The composition as claimed in claim 34, further comprising a functional additive.

36. (Previously presented) The composition as claimed in claim 35, wherein the functional additive is a food additive or feed additive.

37. (Previously presented) The composition as claimed in claim 36, wherein the food additive or feed additive is a probiotic.

38. (Previously presented) The composition as claimed in claim 37, wherein the probiotic is a bifido bacterium.

39. (Previously presented) The composition as claimed in claim 35, wherein the functional additive is a medicinal compound.

40. (Previously presented) The composition as claimed in claim 39, wherein the medicinal compound is a therapeutic agent.

41. (Previously presented) A method of treating or preventing gastrointestinal disorders comprising administering an effective amount of a medicament comprising a resistant starch based on water-insoluble linear α -1,4-D-glucans, wherein the degree of branching in the 2, 3 or 6 position does not exceed 0.5%.